

# Ducted Cooling Systems



Wine Guardian Ducted Installation.  
Courtesy: Lakeshore Wine Cellars

Wine is your passion. Preserving it is ours.

Wine Guardian® ducted wine cellar cooling units are the **quietest**, most **versatile** cooling systems on the market. They provide optimal **temperature and humidity** control for both commercial and residential cellars with a design that allows for **easy installation**. Our units combine optimal control with the most **energy efficiency** in the industry.

With Wine Guardian ducted systems you create the perfect environment for preserving your fine wine— even though the system is **hidden from view**.

## Versatile enough for use in any wine cellar...

- Multiple capacities for cellars of any size and configuration
- Removable control panel for easy access
- Multiple supply-air openings for installation flexibility
- High static pressure fans for extended lengths of ductwork

## Sophisticated enough for use in your cellar.

- Creates virtually no noise in cellar
- Lightweight, corrosion resistant, all aluminum outer body
- Remote user interface control system
- Most energy-efficient unit on the market



Ducted wine cellar cooling system with optional, integrated humidifier installed

## Options

- Water-cooled systems
- Low and high ambient protection
- Drip pad humidifier and humidistat (Freestanding or integrated)
- Integral electric heat
- Duct kits and grilles
- Condensate pump
- Remote monitoring and sensing
- Factory-configured serving temperature option



Made in the U.S.A. WG40, WG100 and WG175 conform to China Compulsory Certification (CCC) standards.

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*Ducted system with installed duct work*

## Benefits of external ducting

- Unit is located outside the wine cellar
- Quiet with virtually no vibration in the cellar
- Better air distribution and temperature control than through-the-wall or ductless split systems
- Flexibility in location and cellar design
- Easier to service
- No visible mechanical equipment in the wine cellar



*Control-Side View*



*Side view with standard supply and return duct collars (panels removed)*



*Remote user interface control system displays temperature in °C or °F*



*Remote sensor (optional)*

## System Specifications\*

Model	Capacity*	Length	Width	Height	Electrical	Weight
WG40	11 - 56 m <sup>3</sup>	838 mm	356 mm	356 mm	220 - 240v / single-phase / 50Hz	36 kg.
WG75	23 - 91 m <sup>3</sup>	838 mm	559 mm	356 mm	220 - 240v / single-phase / 50Hz	56 kg.
WG100	42 - 170 m <sup>3</sup>	838 mm	559 mm	356 mm	220 - 240v / single-phase / 50Hz	59 kg.
WG175	70 - 240 m <sup>3</sup>	1270 mm	559 mm	457 mm	220 - 240v / single-phase / 50Hz	91 kg.

\*Sizing note: Many variables affect proper unit sizing, including type of construction, insulation values, amount of glass, residential vs. commercial applications, etc. Proper unit size should only be determined by using the Wine Guardian cooling calculator. Check with your Wine Guardian authorized distributor for more information. Not all systems may offer all the features described above. For instance, humidity can only be controlled if the unit is equipped with a humidifier. Wine Guardian systems are made in the USA. Manufacturer reserves the right to make changes to this document, without prior notice, at its sole discretion. Rev 1/16